

SHNEYDER, V.Ye., kand. ekon. nauk, dots.; TUROVSKIY, I.G., prof.;  
ZAK, M.A., kand. ekon. nauk; BOGUSLAVSKIY, A.I., inzh.-  
ekon.; SANKISKIY, D.I., kand. ekon. nauk, dots.;  
ASTANSKIY, L.Yu., kand. tekhn. nauk; GUSEV, S.G., inzh.-  
ekon.; GORSKOV, V.A., inzh.-ekon.[deceased]; IL'IN, S.I.,  
inzh.-ekon.; BALDIN, S.A., inzh.-ekon.; NAUMOVA, L.N., kand.  
ekon. nauk

[Economics, organization and planning for the building  
materials industry] Ekonomika, organizatsiia i planirovanie  
promyshlennosti stroitel'nykh materialov. Moskva, Stroi-  
izdat, 1965. 425 p. (MIRA 18:10)

SHNEYDER, Ya.

Wonder town. TUn. trkh. 6 no.10:55-57 0 '61. (MIRA 14:11)  
(Kakhovka Reservoir region--City planning)

SHNEYDER, Ya.A.

Device for experimental studies on tissue and organ preservation by means of refrigeration. Med. prom. 15 no.8:62-64 Ag '61.

(MIRA 14:12)

1. Nauchno-issledovatel'skiy institut eksperimental'noy khirurgicheskoy apparatury i instrumentov.

(TISSUES--PRESERVATION)

(REFRIGERATORS)

SHNEIDER, IA. A.

Organizatssia smeshannykh perevozok khlebnykh gruzov na Volge.  
/Organization of mixed grain shipments on Volga/. (Vodnyi trans-  
port, 1940, no. 12, p. 1-3). DLC: HE561.R8

SO: Soviet Transportation and Communications, A Bibliography, Library  
of Congress, Reference Department, Washington, 1952, Unclassified.

SHNEYDER, Ya.A., inzhener-ekonomist [author]; TARUTIN, P.P., laureat Stalinskoy premii, kandidat tekhnicheskikh nauk [redaktor].

[Hauling bulk flour by truck] Opyt organizatsii bestarnykh perevozok mki avtotransportom. Pod red. P.P.Tarutina. Moskva, Gos.izd-vo tekhn.i ekon. lit-ry po voprosam zagotovok, 1952. 57 p.

(MIRA 6:8)

(Flour--Transportation)

SHNEYDER, Yu., inzhener.

Method of calculating the heat in the processes of covering fish with ice.  
Khol.tekh. 30 no.2:57-61 Ap-Je '53. (MLRA 6:7)  
(Refrigeration and refrigerating machinery)



SHNEYDER, Ya., inzhener.

Transportation of flour in bulk. Muk.-elev.prom. 20 no.3:15-18  
Mr '54. (MLRA 7:7)

1. Gosudarstvennyy institut Promzernoprojekt.  
(Flour--Transportation)



SHNEYDER, Ya., inzhener;

Taking in grain soon to be received from the new lands of Altai Territory. Muk-elev.prom. 20 no.6:3-4 Ja '54. (MLRA 7:8)

1. Gosudarstvennyy institut Promzernoprojekt.  
(Altai Territory--Grain--Storage) (Grain--Storage--Altai Territory)

BRUN' P.P., otvetstvennyy red.; KOGAN, A.O., red.; KUZNETSOV, S.M., kand.  
tekhn.nauk, red.; KULAKOVSKIY, A.B., inzh., red.; KUROCHKIN, A.M.,  
red.; PISAK, B.Ya., red.; TROITSKIY, N.A., red.; SHNEIDER, Ya.A.,  
red.; KOCHETKOV, L.I., red.; GOLUBKOVA, L.A., tekhn.red.

[Designing grain warehouses and grain-processing plants]  
Proektirovanie zernokhranilishch i predpriyatii po pererabotke  
zerna; sbornik statei kollektiva sotrudnikov instituta. Moskva,  
Izd-vo tekhn.i ekon. lit-ry po voprosam mukomol'no-krupianoj,  
kombikormovoi promyshl. i elevatorno-skladskogo khoziaistva,  
Vol. 1. 1957. 59 p. (MIRA 11:5)

1. Gosudarstvennyy institut promzernoprojekt.  
(Granaries) (Flour mills)

SHNEYDER, Ye.A.; ZUBKUS, B.P.

Stratigraphy of Lower and Middle Devonian sediments in the North  
Minusinsk Lowland and Syda-Yerba Depression. Mat. po geol. i pol.iskop.  
Kras.kraia no.3:41-56 '62. (MIRA 17:2)

... .., Ye.A.

... .. volcanic sedimentary formations in the southwestern part  
... .. the Eastern Sayan Mountains and their metallogeny. Trudy  
... .. no. 3/4 7-28 '64. (MIRA 18:5)

DUVANOV, Pavel Antonovich; SOKOLOV, Yu.B., inzhener, redaktor; SHNEYDER,  
Ye.B., redaktor; LYUDKOVSKAYA, N.I., tekhnicheskii redaktor

[For high brick production from ring kilns] Za vysokie s"emy kir-  
picha s kol'tsevykh pechei. Pod red. Yu.B.Sokolova. Moskva, Gos.  
izd-vo lit-ry po stroitel'nym materialam, 1954. 62 p. (MIRA 8:7)  
(Brickmaking) (Kilns)

BEZBORODOV, M.A.; CHENAKAL, V.L., nauchnyy redaktor; ~~SHNEYDER, Ye.B.~~  
redaktor; PANOVA, L.Ya., tekhnicheskiiy redaktor

[M.V.Lomonosov, founder of scientific glassmaking] M.V.Lomonosov -  
osnovopolozhnik nauchnogo steklodeliia. Moskva, Gos. izd-vo lit-ry  
po stroit. materialam, 1956. 113 p. (MLRA 10:4)  
(Glass manufacture) (Lomonosov, Mikhail Vasil'evich, 1711-1765)

GUREVICH, Naum L'vovich; SHNEYDER, Ye.B., red.; PYATAKOVA, N.D., tekhn.red.

[Our experience in the automatization of cement production]

Nash opyt avtomatizatsii tsementnogo proizvodstva. Moskva, Gos.  
izd-vo lit-ry po stroit. materialam, 1957. 53 p. (MIRA 11:3)  
(Cement industries) (Automatic control)

GELINOVA, M.M., red.; YEGORYCHEV, A.M., red.[deceased]; KOLENKOV, V.A., red.; LEVMAN, B.S., red.; LOGINOV, Z.I., red.; MAYKOV, N.K., red.; SMIRNOV, L.I., red.; ERLANDTS, V.V., red.; SHNEYDER, Ye.B., red. izd-va; TEMKINA, Ye.L., tekhn.red.

[Proceedings of the section on building materials] Sektsiia stroitel'nykh materialov. Moskva, Gos. izd-vo lit-ry po stroit., arkhitekt. i stroit. materialam, 1958. 386 p. (MIRA 12:1)

1. Vsesoyuznoye soveshchaniye po stroitel'stvu. Moscow, 1958.
2. Glavnyy ekspert Otdela stroitel'nykh materialov i lesnoy promyshlennosti Gosstroya SSSR (for Maykov).  
(Building materials)



KOVALEVSKIY, Pavel Ippolitovich, inzh.; PITSKEL', Lev Naumovich,  
kand. tekhn.nauk; KISELEV, Petr Mikhaylovich, ml. nauchn.  
sotr., inzh.; SHENYDER, Ye.B., red.

[Vibrocompaction of brick blocks for industrial installations;  
practices of the laboratory for winter operations of the Sci-  
entific Research Institute of Organization, Mechanization,  
and Technical Aid for Construction, Section of Large-Block  
Construction of the Scientific Research Institute for Construc-  
tion and of the "Teplomontazh" Trust] Vibrouplotnenie kirpich-  
nykh blokov dlia promyshlennykh sooruzhenii; iz opyta labora-  
torii zimnikh rabot NIIOMTP, sektora krupnoblochnykh konstruk-  
tsii NII po stroitel'stvu i tresta "Teplomontazh." Moskva,  
Gosstroizdat, 1963. 42 p. (MIRA 17:6)

1. Akademiya stroitel'stva i arkhitektury SSSR. Nauchno-  
issledovatel'skiy institut organizatsii, mekhanizatsii i  
tekhnicheskoy pomoshchi stroitel'stvu. 2. Laboratoriya zim-  
nikh rabot Nauchno-issledovatel'skogo instituta organizatsii,  
mekhanizatsii i tekhnicheskoy pomoshchi stroitel'stvu Akademii  
stroitel'stva i arkhitektury SSSR (for Kovalevskiy). 3. Ruko-  
voditel' sektora krupnoblochnykh konstruktsiy Nauchno-issledc-  
vatel'skogo instituta po stroitel'stvu Akademii stroitel'stva  
i arkhitektury SSSR (for Pitskel'). 4. Sektor krupnoblochnykh  
konstruktsiy Nauchno-issledovatel'skogo instituta po stroitel'-  
stvu Akademii stroitel'stva i arkhitektury SSSR (for Kiselev).

GURVICH, Ruvim Mikhaylovich, kand. tekhn.nauk, dots.; SHNEYDER,  
Ye.B., red.

[Manufacturing large sand-lime concrete products; a  
lecture with slides] Proizvodstva krupnorazmernykh silikato-  
betonnykh izdelii; lektsiia s diafil'mom. Moskva,  
Gosstroizdat, 1963. 12 p. (MIRA 17:9)

1. Moscow. Tsentral'nyy nauchno-issledovatel'skiy institut  
organizatsii, mekhanizatsii i tekhnicheskoy pomoshchi  
stroitel'stvu.

SHNEIDER, Ye.G. (L'vov, ul.Engel'sa, d.25, kv.4)

Practical value of studies in punctate cytology in the diagnosis of  
cancer of the mammary gland. Nov. khir. arkh. no.4:89-94 J1-Ag '60.  
(MIRA 15:2)

1. Patologogistologicheskaya laboratoriya L'vovskogo oblonkodispensera,  
Nauchnyy rukovoditel' raboty - zasluzhennyy deyatel nauki, prof.  
M.K.Dal'.

(PUNCTURES (MEDICINE)) (MAMMARY GLAND\_\_CANCER)  
(DIAGNOSIS, CYTOLOGIC)

GUREVICH, David Yefimovich, inzh.; SASIN, Arkhadiy Vikent'yevich, inzh.; SHENKIER, Ye.B., re'.

[I.V.Diukarev's unified integrated crew for the construction of completely prefabricated apartment houses; Moscow Building Trust No.18 of the Main Building Administration of Moscow] Ob'edinennaya kompleksnaya brigada I.V.Diukareva na stroitel'stve polnosbornykh zhielykh domov; trest "Mosstroim" no.18 Glavmosstroim. Moskva, Gosstroizdat, 1963. 22 p. (MIRA 17:9)

1. Akademiya stroitel'stva i arkhitektury SSSR. Nauchno-issledovatel'skiy institut organizatsii, mekhanizatsii i tekhnicheskoy pomoshchi stroitel'stvu. 2. Nachal'nik tekhnicheskogo otdela tresta "Mosgorgstroy" (for Gurevich). 3. Nachal'nik otdela Moskovskogo gosudarstvennogo stroitel'no-montazhnogo tresta no.18 Glavnogo upravleniya po zhilishchnomu i grazhdanskomu stroitel'stvu v gorode Moskve (for Sasin).

AID P - 3646

Subject : USSR/Medicine

Card 1/1 Pub. 37 - 10/18

Author : Shneyder, Ye. I.  
~~Shneyder, Ye. I.~~

Title : Some problems of industrial hygiene during the processing  
of staple fibers

Periodical : Gig. i. san., 10, 41-43, 0 1955

Abstract : Air pollution by carbon bisulfide in Moscow textile  
factories, where colored staple fibers are processed,  
is discussed. Investigations of sanitary conditions  
are described, and recommendations for the improvement of  
these conditions are made. 3 tables.

Institution : Moscow Medical and Epidemiological Station

Submitted : Mr 5, 1955

SHNIFYDER, Ye.I.

"Sovetskaia meditsina", a survey of numbers for 1957. Gig. i san. 24  
no.4:87-90 '59. (MIRA 12:7)

(MEDICINE--PERIODICALS)

SHNEYDER, Ye.V.

Larvicidal properties of certain phosphorus organic insecticides.  
Zhur.mikrobiol.epid. i immun. 28 no.9:86-91 S '57. (MIRA 10:12)

1. Iz Tsentral'nogo nauchno-issledovatel'skogo dezinfeksionnogo  
instituta.

(INSECTICIDES, effects,  
phosphate organic cpds., larvicidal eff. (Rus))  
(PHOSPHATES, effects,  
insecticide organic spds., larvacidal action (Rus))

SHNEYDER, Yu., starshiy nauchnyy sotrudnik

Evaluating the resistance of individual potato varieties.

Zashch. rast. ot vred. i bol. 10 no.12:22-23 '65.

(MIRA 19:1)

1. Nauchno-issledovatel'skiy institut kartofel'nogo khozyaystva.



SHNEYDER, Yu.G., kandidat tekhnicheskikh nauk

Effect of surface microgeometry on the operational properties of  
instrument parts. [Izd.] LONITOMASH no.34:106-116 '54.  
(MIRA 8:10)

1. Leningradskiy institut aviatsionnogo priborostroyeniya  
(Surfaces (Technology))

SHNEYDER, Yu. G.

YEFREMOV, I.P., kandidat tekhnicheskikh nauk; SHNEYDER, Yu.G., kandidat tekhnicheskikh nauk

Investigation of the machining of stainless steel used in tool manufacture. [Izd.] LONITOMASH no.34:167-177 '54.  
(MLRA 8:10)

1. Leningradskiy institut aviatsionnogo priborostroyeniya.  
(Surfaces (Technology))

SHNEyder, Yu. G.

USSR/ Engineering - Special tools

Card 1/1 Pub. 103 - 11/25

Authors : Shneyder, Yu. G.

Title : The design of a surface-compressing and hardening tool incorporating a spring-actuated roller

Periodical : Stan. i instr. 1, 27-28, Jan 1955

Abstract : A description is presented of a tool having a roller mounted on a pin which is actuated by a spring carried in a holder. The tool is pressed against the circular work in the lathe, to compress and harden the surface of metal specimens, thereby increasing the microhardness of the work by 20-40%. Table, drawing.

Institution : .....

Submitted : .....



SOV/137-57-10-19194

Translation from. Referativnyy zhurnal, Metallurgiya, 1957, Nr 10, p 107 (USSR)

AUTHOR: Shneyder, Yu.G.

TITLE: Cold Pressworking of Metals (Kholodnaya obrabotka metallov davleniyem)

PERIODICAL: V sb.: Progressivn. tekhnol. v mekhanosbornochn. proiz-ve. Leningrad, Lenizdat, 1956, pp 176-198

ABSTRACT: Knurling (K) as a machining process is characterized by higher labor productivity than cutting. K yields surface finish in the  $\nabla\nabla\nabla 8$ - $\nabla\nabla\nabla\nabla 10$  quality range. Deformation of the metal strengthens its surface layer. In the absence of special equipment, K may be performed on cutting machine tools. A description is presented of the K of embossed symbols on steel printing disks instead of hand engraving. The time required to make the disk is reduced from 5-8 shifts to 1-3 min. The design of a fixture (F) that may be mounted on a lathe for planetary thread rolling is presented. The F permits the rolling of thread of less than 3-mm diameter and it may substitute, in small-lot manufacture, for the inefficient system of thread-cutting by tap. The stamping of flat and cylindrical parts by K

Card 1/2

SOV/137-57-10-19194

Cold Pressworking of Metals

with the aid of the F on milling machines and lathes considerably increases the production rate and quality of application of markings as compared to the hand method, and the consumption of expensive marking irons is thus reduced. The designs of knurling F for the finishing and hardening of surfaces are presented. The sizing of spherical surfaces is examined. The materials used, the heat treatment of the knurling rollers, and K procedures, are indicated.

V.O.

Card 2/2

AID P - 4289

Subject : USSR/Engineering

Card 1/1 Pub. 128 - 14/25

Author : Shneyder, Yu. G., Kand. Tech. Sci., Dotsent

Title : Surface Strengthening of machine parts with a spring ball.

Periodical : Vest. mash., #2, p. 48-52, F 1956

Abstract : A resilient spring ball as a tool for strengthening and smoothing machine part surfaces is described. Various designs of such spring ball tools are shown. The tool is attached to a turning lathe so that the strengthening and smoothing increases with the increase of the tool's pressure on the surface and with the decrease in the tool's rotating speed. Diagrams, photo, charts.

Institution : None

Submitted : No date

SHNEYDER, Yu.G.

Cold roll forming. Priborostroenie no.5:17-20 My '56. (MLBA 9:8)  
(Rolling (Metalwork))



SHNEYDER, Yu.G.

Small-size ball rolling machines. Priborostroenie no.10:27-28  
0 '57. (MIRA 10:11)

(Rolling (Metalwork))

25(1)

PHASE I BOOK EXPLOITATION SOV/3273

Shneyder, Yuriy Grigor'yevich, Candidate of Technical Sciences

Chistovaya obrabotka metallov plasticheskimi deformirovaniyem;  
obzor (Finishing of Metals By Plastic Deformation; a review),  
Leningrad, Leningr. dom nauchno-tekhn. propagandy, 1958.  
76 p. 6,200 copies printed.

Sponsoring Agency: Obshchestvo po rasprostraneniyu politicheskikh  
i nauchnykh znaniy RSFSR. Leningradskiy dom nauchno-tekhnicheskoy propagandy.

Ed.: D.B. Vakser, Docent.

**PURPOSE:** This book is intended for metallurgists, particularly those concerned with metal-finishing processes.

**COVERAGE:** The book surveys the most widely used methods of burnishing plane and cylindrically curved metal surfaces. Only the newer methods, as practiced both in the Soviet Union and

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SOV/3273

Finishing of Metals (Cont.)

elsewhere, are described in detail. Results of recent investigations in this field are given. There are 16 references, of which 12 are Soviet and 4 are German.

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Finishing of Metals (Cont.)

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AVAILABLE: Library of Congress(TS 653 .S45)

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VK/jb  
4-4-60

SHNEYDER, Yu. G. (Cand. Tech. Sci.): GORYSHIN, V. V. (Eng.): LUKACHEV, A. A. (Cand. Tech. Sci.): FELIKSON, Ye. I. (Cand. Tech. Sci.): GRIGOR'YEV, B. V. (Cand. Tech. Sci.);

- XIV. "Examples of Mechanization and Automation of Instrument-parts manufacturing Processes," Automation and Mechanization of Production Processes in Instrument Manufacturing, Moscow, Mashgiz, 1958. 591 p.

PURPOSE: This book is intended for engineers, technicians, and scientific personnel concerned with mechanization and automation of production processes in instrument manufacturing, and for students and teachers of this subject in vuzes.

AUTHOR: Shneyder, Yu.G.

121-4-12/32

TITLE: Finish Machining of Components by the Plastic Deformation of Their Surface (Chistovaya obrabotka detaley plasticheskim deformirovaniyem poverkhnosti)

PERIODICAL: Stanki i Instrument, 1958, No.4, pp. 25 - 26 (USSR)

ABSTRACT: A tool is described for burnishing a hydraulic ram cylinder (50 mm bore, 740 mm length) by means of two diametrically opposite balls of 11 mm diameter. The balls are carried on ball bearings in hinged levers pressed outwardly by a coiled spring between the two levers. The machined material is 0.45% carbon steel; the rolling speed, 80 m/min; the feed, 0.22 mm/rev; the pressure on the ball, 30 kg. Machine oil lubrication is used. After 12 minutes, a surface finish of the 9th grade is achieved. The external burnishing of a fashioned handle on a copying lathe is illustrated. German tests with the ball burnishing of cast iron slideways in machine tools are briefly summarised.

There are 3 figures and 1 table.

AVAILABLE: Library of Congress

Card 1/1

1. Burnishing tool-Design 2. Burnishing tool-Operation

SHNEYDER, Yu.G., kand. tekhn. nauk.

Using ball rolling in finishing precision holes. Vest. mash. 38  
no.3:55-56 Mr '58. (MIRA 11:2)

(Rolling (Metalwork))

MISHIN, Ivan Alekseyevich; SEMENOV, S.P., kand.tekhn.nauk, retsenzent;  
SHNEYDER, Yu.G., kand.tekhn.nauk, red.; SHATILOV, V.A., inzh.,  
red.; DUDUSOVA, G.A., red.izd-va; FROMKIN, P.S., tekhn.red.

[Wear resistance of tractor engine parts] Iznosostoikost' detalei  
avtotraktornykh dvigatelei. Moskva, Gos.nauchno-tekhn.izd-vo  
mashinostroit.lit-ry, 1960. 137 p. (MIRA 13:3)  
(Tractors--Engines)



PHASE I ~~WORK~~ EXPLOITATION

SOV/3933

Shneyder, Yuriy Grigor'yevich, Candidate of Technical Sciences

Kholodnaya besshtampovaya obrabotka tochnykh detaley davleniyem (Cold Pressworking of Precision Parts Without Die Sets) 2d ed., rev. and enl. Moscow, Mashgiz, 1960. 309 p. 7,000 copies printed.

Reviewer: Ye. N. Nikitin, Engineer; Ed.: D. B. Vakser, Docent; Ed. of Publishing House: A. I. Varkovetskaya; Tech. Ed.: P. S. Frumkin; Managing Ed. for Literature on Machine-Building Technology (Leningrad Division, Mashgiz): Ye. P. Naumov, Engineer.

PURPOSE: This book is intended for designers and process engineers at machine and instrument plants. It may be also useful to students of tekhnikums and schools of higher education.

COVERAGE: The book deals with several methods of accurate pressworking of machine and instrument parts without die sets. The essentials, equipment and tools used, engineering and economic indices, and the field of application of each method are presented. A classification of methods of cold pressworking without die sets used in the Soviet machine and instrument industries is also presented. No personalities are mentioned. There are 93 references: 79 Soviet, 7 German, 4 English, and 3 Czech.

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Cold Pressworking (Cont.)

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Cold Pressworking (Cont.)

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GAVRILOV, A.N., prof., doktor tekhn.nauk; DEM'YANYUK, F.S., prof., doktor tekhn.nauk; MITROFANOV, S.P., kand.tekhn.nauk; KORSAKOV, V.S., prof., doktor tekhn.nauk; IVANOV, D.P., doktor tekhn.nauk; STO-ROZHEV, M.V., kand.tekhn.nauk; MALOV, A.N., kand.tekhn.nauk; KUDRYAVTSEV, I.V., prof., doktor tekhn.nauk; SHNEYDER, Yu.G., kand.tekhn.nauk; SHUKHOV, Yu.V., dotsent; KAZAKOV, N.P., kand.tekhn.nauk; ZOLOTYKH, B.N., kand.tekhn.nauk; ROZENBERG, L.D., prof., doktor tekhn.nauk; YAKHIMOVICH, D.Ya., inzh.; NIKOLAYEV, G.A., prof., doktor tekhn.nauk; VLADZIYEVSKIY, A.P., doktor tekhn.nauk; SHAUMYAN, G.A., prof., doktor tekhn.nauk; KOSHKIN, L.N., kand.tekhn.nauk; BOBROV, V.P., kand.tekhn.nauk; NOVIKOV, M.P., kand.tekhn.nauk; VIKHMAN, V.S., kand.tekhn.nauk; DERBISHER, A.V., kand.tekhn.nauk; KLIMENKO, K.I., prof., doktor ekonom.nauk; VYATKIN, A.Ye., inzh.; SATEL', E.A., prof., doktor tekhn.nauk; FOFANOV, I.G., inzh.; MATVEYENKO, V.V., inzh.; KOCHETOVA, G.F., inzh., red.izd-va; EL'KIND, V.D., tekhn.red.; TIKHANOV, A.Ya., tekhn.red.

[Present status and trends of future development of technological processes in the manufacture of machinery and instruments] Sovremennoe sostoyaniye i napravleniye razvitiya tekhnologii mashinostroyeniya i priborostroyeniya. Moskva, Gos.nauchno-tekhn.izd-vo mashinostroyit.lit-ry, 1960. 563 p. (MIRA 13:7)

(Machinery industry--Technological innovations)  
(Instrument manufacture--Technological innovations) (Automation)

SHNEYPER, YU. G.

PLAST I BOOK EXPOSITION SOV/4718

Sovetskoye gosudarstvo i natsionalnyye partiiy i ekonomicheskoye razvitiye (Present State of the Soviet Union and National Parties and Economic Development) Moscow, 1960. 343 p. 5,000 copies printed.

Ed. Anatoliy Stepanovich Gavrilov, Doctor of Technical Sciences, Professor, Moscow State University, Institute of Machine Building and Instrument Construction (Moscow); S.Y. Petrovskiy, Engineer Ed. of Publishing House, G.F. Koshcheyev, Engineer, Tech. Ed., V.D. Klyukin and A.Ye. Zhukovskiy.

PURPOSE: This book is intended for technical and scientific personnel in the machine and instrument industries and for students and teachers of schools of higher education.

CONTENT: The book deals with current theory and practice in the manufacturing processes of the machine and instrument industries and includes discussions of trends for development. The physical nature of the processes and their economic and social-economic features and possibilities are considered. Particular attention is given to new and progressive processing (mechanical, electrical, electronic, magnetic, cold processing, precision casting, precision turning, new methods of welding, etc.). The book consists of papers presented at the All-Union Card 1/11

Scientific-Industrial Conference on "Advanced Machine and Instrument Manufacturing Processes," held in 1958. The papers have been revised in the light of recent developments in the field. A chapter is devoted to the automation and mechanization of the industry. Series and non-series references accompany some of the chapters.

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Card 5/11

85365

S/046/60/006/004/015/022  
B019/B056

6.8000(3201,1099,1162)

AUTHORS: Bykov, N. S., Shneyder, Yu. G.

TITLE: An Experimental Investigation of the Action of Surface  
Quality Upon the Damping of Surface Waves

PERIODICAL: Akusticheskiy zhurnal, 1960, Vol. 6, No. 4, pp. 501 - 503

TEXT: The authors deal with results obtained by an experimental investigation of the effect of the surface quality of a sound conductor and of the working method upon the damping of surface waves. The investigations were carried out on rectangular specimens having a cross section of 40.20 mm and a length of 450 mm. Treatment was carried out by shaping, milling, polishing with abrasive powders and pastes and by means of chemical polishing. Measurements were carried out by the pulsed method. It was found that the manner of treatment has a considerable effect upon sound damping in the sound conductor. The strongest damping coefficient was found in the case of a surface treated by a shaper. In the case of milled surfaces, the machine construction becomes noticeable with the damping coefficient. Also the direction of the treatment with respect to the sound

Card 1/2



86 36 5

An Experimental Investigation of the Action of Surface Quality Upon the Damping of Surface Waves S/046/60/006/004/015/022 B019/B056

ray becomes considerably noticeable. If the direction of treatment is perpendicular to the sound ray, the damping coefficient is greater by 15 - 20%. In chemical polishing, an influence is found to be exerted by the layer being formed on the surface of the specimen as well as by the method of polishing. There are 2 tables and 3 Soviet references. X

ASSOCIATION: Leningradskiy institut aviatsionnogo priborostroyeniya  
(Leningrad Institute of Aviation Instrument Construction)

SUBMITTED: February 15, 1960

Card 2/2

25410

5/122/60/000/012/015/018

A161/A130

1/1900

AUTHORS: Skovyer, Y. L., Candidate of Technical Sciences, Doctor; Machin-  
kov, A. D., Kuvardin, V. S., Engineers

TITLE: An investigation of titanium alloys surface finishing

PERIODICAL: Vestnik mashinostroyeniya, no. 12, 1960, 66 - 68

TEXT: Experimental results with turning and ball burnishing of three tita-  
nium alloys - BT6 (VT6), BT8 (VT8) and 3-11 are presented. The machinability of  
titanium was compared with "45" steel, Al (D1) duralumin, and AMГ (AM5) aluminum  
alloy. The chemical composition of the three titanium alloys is given (Table 1):

	Chemical composition in %					Impurities in %						
	Fe	Al	C	Mo	Sn	Fe	Si	C	O <sub>2</sub>	H <sub>2</sub>	N <sub>2</sub>	W
VT6	Base	0.73	4.11	-	-	0.21	0.1	0.83	0.14	0.01	0.03	-
VT8	"	0.5	-	3.39	-	0.25	0.15	0.36	0.15	0.01	0.04	0.09
3-11	"	0.2	-	-	10.82	0.23	0.13	0.39	0.12	0.012	0.03	-

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25410

S/122/60/000/012/015/018

Al61/A130

At the completion of the alloy surface finishing

Cutters were tipped with 2K8 (VK8) carbide. The ball burnishing tool had been described previously (Ref. 1: Smeydov, Yu. G. Upravleniye poverkhnostnyimi detal'nykh proizvodstvom. "Vestnik mashinostroyeniya" no. 2, 1956). The machinability of Ti alloys was comparable with the tested aluminum alloys, and it was concluded that turning on Ti alloys is justified economically for the finish class 6 and 7. Class 6 was achieved in dry cutting with cutting speed 37.5 m/min, 0.135 mm feed per revolution, 0.2 mm cutting depth, 0° front angle, 6° back angle, cutter tip radius 0.5 mm, and high finish (class 9) on the front and back cutter faces. Class 7 was obtainable at feed reduced to 0.09 mm per revolution, and tip radius increased to 1 - 1.5 mm. Two English-language publications are referred to as a further proof of no high difficulties in machining titanium to higher finish class (Ref. 2: "Metalworking Production", no. 1 and 2, 1956; Ref. 3: "Mass Production", no. 3, 1956). Burnishing with 10 mm ball at 40 m/min speed and 0.15 mm per revolution feed raised the finish 2 - 3 classes (after turning). Higher ball pressure was needed for titanium than for steel and aluminum. Workhardened surface layer reached 0.06 mm depth at 60 kg pressure on the ball and did not become deeper. The surface hardness increased 35 - 40%. The advantages of burnishing are obvious. There are 5 figures and 4 references: 2 Soviet-bloc and 2 non-Soviet-bloc. The two references to English-language publications read as follows: "Metalworking Production", no. 1 and 2, 1956; "Mass Production", no. 3, 1956.

Card 2/2

SHNEYDER, Yu.G., kand. tekhn. nauk, red.; FREGER, D.P., red. izd-va; BELOGU-  
ROVA, I.A., tekhn. red.

[Refining and strengthening of metals by pressure] Chistovaia obra-  
botka i uprochnenie metallov davleniem; bibliograficheskii ukazatel'.  
Leningrad, 1961. 29 p. (MIRA 14:7)

(Metals--Cold working)

SOKOLOV, Sergey Pavlovich; SHNEYDER, Yu.G., kand. ~~tekh.~~ nauk, retsenzent;  
KUDASOV, G.F., kand. ~~tekh. nauk, red.~~; GLYASS, V.D., inzh., red.;  
BORODULINA, I.A., red. izd-va; NIKOLAYEVA, I.D., ~~tekh.~~ red.

[Fine grinding and lapping] Tonkoe shlifovanie i dovodka. Pod ob-  
shchei red. G.F.Kudasova. Moskva, Gos. nauchno-tekhn. izd-vo mashi-  
nostroit. lit-ry, 1961. 85 p. (Biblictechka shlifovshchika, no.9)  
(MIRA 14:10)

(Grinding and polishing)

SHNEYDER, Yu.G., kan'.tekh.nauk

Press finishing of parts. Mashinostroitel' no.10:32-34 0 '61.  
(MIRA 14:9)

(Metals--Finishing)

S/122/61/000/012/004/008  
D221/D303

AUTHOR:

Shneyder, Yu.G., Candidate of Technical Sciences,  
Docent

TITLE:

Finish machining by pressure

PERIODICAL:

Vestnik mashinostroyeniya, no. 12, 1961, 43 - 50

TEXT: The accumulated industrial experience and the results of experiments permit the main principles for selecting the arrangement, tool and operating conditions to be formulated. The purpose of the machining (sizing, finishing or work hardening), dimensions, design and rigidity of the workpiece, the magnitude of production and variety of components determine the above. Roller or ball burnishers with rigid, flexible or impact action are used at present. The main feature of burnishers is the resilient contact of the deforming element with the machined surface. The illustrated designs are reliable and long lasting, without the need for precise alignment of the relative position between the work-piece and the tool. The amount of burnishing is easily controlled, and uniform finish,

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S/122/61/000/012/004/008  
D221/D303

Finish machining by pressure

Azovskiy zavod kuznechno-pressovogo oborudovaniya (Azov Factory of Forging and Pressing Equipment). The inertia two-ball burnisher is used for finishing cylinder blocks in automobile repair shops instead of honing heads. The pressure of balls is varied by speed changes. The rigid ball burnishers are developed by the Fiziko-tekhnicheskii institut AN BSSR (Physical and Technical Institute of the AS BSSR) for finishing hydraulic cylinders. The tools with taper rollers operating on the principle of self-drive were designed by the factory "Krasnyy ekskavator" of Kiyev and by NIITraktorsel'khormash. An illustration is given of a hydraulic machine with three cylindrical rollers, one of which may be tilted at an angle, and thus an axial component is formed. The NIITraktorsel'khormash has developed a unit on these lines with taper rollers which impose the drive instead of the workpiece. Larger diameter multi-ball heads are designed by the above-named Institute for burnishing slideways of machine tools. A single ball tool is used for burnishing aluminum alloy to obtain high optical qualities. There is a non-linear relationship between the parameters of burnishing (pressure and feed) and its main index of surface finish.

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Finish machining by pressure

S/122/61/000/012/004/008  
D221/D303

The optimum conditions of machining by plastic deformation is the main factor **for** its effective application. The practice and investigations indicate that pressure should be minimum, and whenever possible a flexible tool should be used. Experimental determination of optimum pressure is obtained by a pass with low force, where traces of preceding operations still remain. Then the pressure is increased until the required finish is achieved. The feed has a secondary importance. There are 14 figures, 1 table and 8 Soviet-bloc references.

Card 4/4

S/046/62/008/002/015/016  
B104/B108

AUTHORS: Bykov, N. S., Shneyder, Yu. G.

TITLE: The effect of rolling of sound conductor surfaces on the damping of surface waves

PERIODICAL: Akusticheskiy zhurnal, v. 8, no. 2, 1962, 240-241

TEXT: Rectangular sound conductors (300·40·20 mm) of  $\sigma$  45 (45 steel) were rolled smooth by means of a ball. The load on the ball was varied between 15 and 19 kg. The surface finish of the end product was  $\nabla 6$ , the microhardness  $H_n = 273 \text{ kg/mm}^2$ . Damping was measured by an impulse method, emitter and receiver were polystyrol wedges. For different frequencies damping decreased with increasing load on the ball. With higher loads damping increased owing to damage on the surface (Fig.). There is 1 figure.

ASSOCIATION: Leningradskiy institut aviatsionnogo priborostroyeniya  
(Leningrad Institute of Aviation Instruments)

SUBMITTED: May 24, 1961

Card 1/2

S/122/62/000/012/004/007  
D262/D307

AUTHOR: Shneyder, Yu. G., Candidate of Technical  
Sciences, Docent

TITLE: Calibration of blind precision holes by  
hard alloy burnishing broaches

PERIODICAL: Vestnik mashinostroyeniya, no. 12, 1962,  
50 - 53

TEXT: Various experiments with burnishing  
broaches for calibrating blind holes in 4X13 (4Kh13) steel  
and titanium alloy BT2 (VT2) are described and the results  
analyzed. Conclusions: Alignment of the blank and the broach  
with third class accuracy is necessary and sufficient for nor-  
mal burnishing. Preliminary treatment of the hole should be of  
such accuracy that the calibration process is limited to plastic  
deformation of the surface unevenness. There are strict depend-  
ences between tightness, broaching effort and deformation,

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Calibration of blind ...

S/122/62/000/012/004/007  
D262/D307

which permit fairly accurate determination of the size of the worked hole without the aid of measuring instruments. A high degree of accuracy in normal working conditions can be obtained by dividing the parts, after their preliminary treatment, into 3 groups according to size and then applying to each group one or several broaches of various sizes, suitably selected. (Example: I - broaches 10.012 mm and 10.016 mm in dia. (consecutively), II - broach 10.016 mm dia, III - broach 10.021 mm dia.) Calibration of holes with first class accuracy or even higher is possible. This method of calibration, compared with manual abrasive lapping increases the productive capacity 4 - 5 times. There are 6 figures.

Card 2/2

BYKOV, N.S.; SHNEYDER, Yu.G.

Effect of rolling treatment of an acoustic line on the attenuation of surface waves. Akust. zhur. 8 no.2:240-241 '62. (MIRA 15:8)

1. Leningradskiy institut aviatsionnogo priborostroyeniya.  
(Sound waves)

SHNEYDER, Yu. G., kand. tekhn. nauk, dotsent

Gauging precise blind holes with hard-alloy smoothing broaches.  
Vest. mashinostr. 42 no.12:50-53 D '62. (MIRA 16:1)

(Broaching machines)

SHNEYDER, Yuriy Grigor'yevich, kand. tekhn. nauk; VAYNTRAUB, D.A.,  
red.

[Surface quality and operating characteristics of parts of  
machines and instruments; shorthand report of a lecture] Ka-  
chestvo poverkhnosti i ekspluatatsionnye svoistva detalei  
mashin i priborov; stenogramma lektsii. Leningrad, 1963.  
(MIRA 17:5)

S/121/63/000/002/006/010  
D040/D112

AUTHORS: Shneyder, Yu.G., and Nikitin, V.M.  
TITLE: Finishing butt end surfaces by pressure  
PERIODICAL: Stanki i instrument, no.2, 1963, 29-30

TEXT: A new ball burnishing method for flat and spherical butt end surfaces is described. The method uses a resiliently mounted freely rotating large diameter ball under slight pressure, and is performed on a lathe. One burnishing pass with a ball, 120 mm in diameter, gives a mirror finish on surfaces preliminarily machined by cutting to 7-8th class finish. The article presents the results of an experimental investigation in which specimens of steel, brass, cast iron and duralumin were burnished, and the effect of the ball diameter and pressure determined. The ball mounting is described and illustrated. Burnishing of grade "45" steel covers by a 6mm ball on a turret lathe is also practiced. The simplicity and high productivity of the method is emphasized. There are 5 figures.

Card 1/1



PISAREVSKIY, Moisey Isaakovich, kand. tekhn.nauk; SHNEYDER, Yu.G.,  
kand. tekhn.nauk, retsenzent; VAKSER, D.B., dots, red.;  
VARKOVETSKAYA, A.I., red.izd-va; BARDINA, A.A., tekhn.red.

[Rolling precision threads and splines] Nakatyvanie tochnykh rez'b i shlitsev. Moskva, Mashgiz, 1963. 175 p.  
(MIRA 16:6)

(Screw thread rolling)

PISAREVSKIY, Moisey Isaakovich, kand. tekhn. nauk; SHNEYDER, Yu.G.,  
kand. tekhn. nauk, retsenzent; VAKSER, D.B., dots., red.;  
VARKOVETSKAYA, A.I., red. zd-va; BARDINA, A.A., tekhn. red.

[Rolling precision threads and slots] Nakatyvanie tochnykh  
rez'b i shlitsev. Moskva, Mashgiz, 1963. 175 p.  
(MIRA 16:7)

(Screw-thread rolling)

SHNEYDER, Yuriy Gdal'yevich; MITROFANOV, S.P., doktor tekhn. nauk,  
retsenzent; SKRAGAN, V.A., kand. tekhn. nauk, red.;  
VARKOVETSKAYA, A.I., red.izd-va; SPERANSKAYA, O.V.,  
tekhn. red.; PETERSON, M.M., tekhn. red.

[Metal finishing by pressure] Chistovaia obrabotka metallov  
davleniem. Moskva, Mashgiz, 1963. 268 p. (MIRA 16:8)  
(Metals--Finishing)

SHNEYDER, Yu.G.; NIKITIN, V.M.

Finish burnishing of end surfaces. Stan.i instr. 34 no.2:29-30  
F '63. (MIRA 16:5)

(Metals—Finishing)

L 13121-63

BDS/EWP(k)/EWP(q)/EWT(m) AFFTC/ASD Pf-4 JD/HW  
S/122/63/000/004/004/006

AUTHOR: Shneyder, Yu. G.

TITLE: Finishing and hardening of metal surfaces with vibro-rolling

PERIODICAL: Vestnik mashinostroyeniya, <sup>43</sup>no. 4, 1963, 50-52

TEXT: In the metal working industry, various methods of finishing and toughening of the metal surfaces with pressure are widely used, e.g., the rolling of external and flattening of internal cylindrical surfaces with rolls and balls (the deforming elements). The microgeometry of the surfaces is not optimum for some conditions of operations. A new method of rolling, i.e., a vibrating method is studied. A scheme of vibro-rolling with balls and the apparatus for vibro-rolling are shown. Burnishing with vibrating balls is compared with other procedures of rolling with balls and data are given for the relationship of the

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L 13121-63

S/122/63/000/004/004/006

Finishing and hardening of metal...

value of residual deformation vs. the force of rolling and of depression. The relation of residual deformation vs. the angle of the screen  $\angle$  was studied and a graph of the motion of a vibrating ball is illustrated. During vibro-rolling, the height of the irregularity of the surface vs. the angle of the screen was studied. The investigations developed the possibility of treatment with vibrating balls of inner cylindrical (flat and shaped) surfaces, and also the possibility of increasing the productivity of rolling with balls because of the increase of the input. There are six figures.

Card 2/2

SESTYDEL, Yuriy Grigoriyovich, kand. tekhn. nauk, dots.;  
VALITOV, R.Z., red.

[Technological guarantee of the surface quality of machine and instrument parts; verbatim report of a lecture delivered at the Leningrad House of Scientific and Technical Propaganda in March 1963] Tekhnologicheskoe obespechenie kachestva poverkhnosti detalei mashin i priborov; stenogramma lektsii, pročitannoi v LDNTP v marte 1963. g. Leningrad, 1964. 33 p. (MIRA 17:9)

ACCESSION NR: AP4033600

S/0119/64/000/004/0021/0023

AUTHOR: Shneyder, Yu. G. (Engineer)

TITLE: Effect of machining electromagnet armatures on their service characteristics

SOURCE: Priborostroyeniye, no. 4, 1964, 21-23

TOPIC TAGS: electromagnet, electromagnet/armature, electromagnet armature burnishing, ball burnishing

ABSTRACT: The results of an experimental investigation of the effects of work-hardening by ball burnishing the cylindrical surface of a power magnet armature are reported. The armature was made from brand E Armco steel (0.04C, 0.20Mn, 0.20Si, 0.025P, 0.03S, 0.15Cu, balance Fe). The surface machined on a turning lathe had a 6th class roughness; after burnishing by a 6-mm ball (with a force of 5-6 kg; feed, 0.2 mm/rev; speed, 50 m/min), the roughness was

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L 29963-66

ACC NR: AR5023752

SOURCE CODE: UR/0276/65/000/008/V026/V026

AUTHOR: Monakov, A. K.; Shneyder, Yu. G.

TITLE: The effect of technological factors on the precision and magnetic characteristics of magnetic line elements in small-dimension selsyns during stamping.

SOURCE: Ref. zh. Tekhnologiya mashinostroyeniya, Abs. 8V204

REF SOURCE: Tr. Leningr. in-t aviats. priborostr., vyp. 43, 1964, 41-45

TOPIC TAGS: metal cutting, metal forming, *magnetic circuit, die*

ABSTRACT: Results are given on the investigation of the effect of the production precision of flanking die matrix, their position toward the strip, and the condition of the lip as far as the precision, and the magnetic properties of the pinched blanks of stator and toroid plates of small dimension stamps are concerned. It was established that the effect of technological factors in stamping magnetic circuit on the selsyn performance property is essential and should not be neglected. By setting a time limit for regrinding of the flanking die matrix (in

Card 1/2

UDC 621.961.001.1

PROSKURYAKOV, Yu.G.; SHNEYDER, Yu.G., kand. tekhn. nauk,  
retsenzent; MALOV, A.N., prof., retsenzent; FEDOROV,  
V.B., kand. tekhn. nauk, retsenzent; STESHENKO, N.N.,  
inzh., red.

[Hardening and sizing working methods] Uprochniaiushche-  
kalibruishchie metody obrabotki; spravochnoe posobie.  
Moskva, Mashinostroenie, 1965. 205 p. (MIRA 19:1)

SHNEIDER, Yu.G., kand. tekhn. nauk

Finishing holes by pressure. Mashinostroitel' no.6:25-29 Ja '65.  
(MIRA 18:7)

SHNEYDER, Yury (Grigoriyevich), kandi. tekhn. nauk, SEMENENKO, P.A.,  
red.

[Selecting a deformation pattern, a method, tool design and  
the conditions for the finishing operations in metal work-  
ing by pressure] Vyber skhemy, metoda, konstruktii instru-  
menta i rezhima chistovoi obrabotki davleniem. Leningrad,  
1965. 35 p. (MIRA 18.10)

SHNEVDEA, T.A.; VYALLO, A.A.; TENNISON, G.G.; BUNGA, L.A.

Universal ball burnishers. Stan. i instr. 36 no.8:20-22 Ag '65.  
(MIRA 18:2)

L 27919-66 EWT(m)/EWP(e)/EWP(k)/EWP(t)/ETI IJP(c) JD

ACC NR: AP6017712

SOURCE CODE: UR/0119/65/000/009/0030/0031

AUTHOR: Bulovskiy, P. I. (Doctor of technical sciences); Mitrofanov, S. P. (Doctor of technical sciences); Shneyder, Yu. G. (Candidate of technical sciences) 58  
B

ORG: none

TITLE: All-Union inter-higher educational institution conference on problems of progressive instrument building technology

SOURCE: Priborostroyeniye, no. 9, 1965, 30-31

TOPIC TAGS: precision instrument industry, powder metallurgy, metalworking, metal stamping, printed circuit

ABSTRACT: The conference was held in Leningrad 21-23 April 1965, and heard reports on the following subjects: The main directions of development and problems of progressive instrument building technology and problems for educational institution workers in the expansion of production, improvement of quality and reliability, durability, accuracy and technological level of instrument design, etc.; the importance of increased metal strength, possibilities in this area being offered by filament-crystal constructions; powder metallurgy as a basis for instrument building; progressive methods of metalworking; sheet cold stamping, its current state and prospects; classification of cold-stamped parts; cold non-stamp metalworking involving pressure; aggregate machine tool construction in the USSR and abroad; fine diamond tool working; electrophysical and electrochemical new methods

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L 27919-66

ACC NR: AP6017712

of material working; electric instrument production methods;  
usage of automatic machines for galvanic and chemical coating, etc.;  
coating of threads without altering designed thread sizes; assembly of  
instruments; printed circuit techniques; modular construction in  
instrument building; demands on electronics apparatus made of  
micromodules; production of linear and functional code disks for  
photoelectric converters of the "angle-code" type; and computerized  
design of instrument construction facilities. [JPRS]

SUB CODE: 13, 09 / SUBM DATE: none

Card 2/2 BLG

SHNEYDER, Yu.G., kand. tekhn. nauk

Methods of finish machining of metals. Mashinostroitel' no.10:26-27  
O '65. (MIRA 18:10)



L 10180-66 EWT(m)/EWP(t)/EWP(b) IJP(c) JD  
ACC NR: AP5026560 SOURCE CODE: UR/0286/65/000/019/0117/0117  
INVENTOR: Shneyder, Yu. G.; Butalov, L. V. 44  
44,55 44,55 B  
ORG: none  
TITLE: Method of manufacturing aluminum mirrors. Class 48, No. 175365  
44,55 27  
SOURCE: Byulleten' izobreteniy i tovarnykh znakov, no. 19, 1965, 117  
TOPIC TAGS: aluminum, mirror, *plastic deformation*  
ABSTRACT: This Author Certificate introduces a method of manufacturing aluminum mirrors by plastic deformation. To obtain high reflectivity in the mirror, the mirror blank is first surface rolled with a ball at least 100 mm in diameter at a feed of 0.003—0.005 mm, and then electropolished. [ND]  
SUB CODE: 11, 13/ SUBM DATE: 06Dec62/ ATD PRESS: 4152  
Card 1/1 UDC: 621.357.66  
621.923.77

L 35821-66 EMP(K)/EMP(L)/EMP(M)/EMP(N)/EMP(O)/ETI IJP(c) 20/3D  
ACC NR: AP6015342 SOURCE CODE: UR/0119/66/000/005/0016/0018

AUTHOR: Monakov, A. K. (Candidate of technical sciences); Shneyder, Yu. G.  
(Candidate of technical sciences)

ORG: none

TITLE: Investigation of the effect of machining of magnetic systems upon the  
accuracy of synchros

SOURCE: Priborostroyeniye, no. 5, 1966, 16-18

TOPIC TAGS: selsyn, synchro, angle transmission, permalloy

ABSTRACT: Heretofore, magnetic-circuit (permalloy) parts of synchros have  
been ground with the accompanying undesirable surface heating and embedding of  
abrasive particles; this machining method has caused considerable and widely  
spread errors in synchros. A new machining method developed by LITMO and

UDC: 621.9.015

Card 1/2

APPROVED FOR RELEASE: 08/23/2000

CIA-RDP86-00513R00154982000

Card 2/2

SHNEYDER, Yu.I., inzh.

Using gypsum in making soundproofing materials. Gor. khoz. Mosk.  
32 no.7:35-36 JI '58. (MIRA 11:6)  
(Acoustical materials).

SHNEYDER, Yu.I., inzh.; SHCHEGLOVA, V.P., kand. tekhn. nauk

Gypsum perforated slabs for soundproofing premises. Stroi.  
mat. 9 no.7:33-34 JI '63. (MIRA 16:11)

*S. Shneyder, Yu. I.*  
BERGER, B.Ye.; SHNEYDER, Yu.I.

Friction welding of machine parts. Stan.i instr. 28 no.9:40 S '57.  
(MIRA 10:10)

(Welding)

11d

Etymology of brown (green) mottling on cucurbits. Yu. I. Shneider, *Mikrobiologiya* 18, 62-6(1919). *Neotetrachum melophthorum* (I) attacks cucumber cotyledons, petioles, young stems, leaves or fruit, but not old leaves or fruit. It has phytotoxic properties of its own, but only faint cellulolytic activity. *Cladophorum herbarum* is a saprophyte, with high cellulolytic activity. Its ability to ferment glucose, sucrose, lactose, K citrate, and glycerol is much greater than that of I. Julian F. Smith

ASB-SLA METALLURGICAL LITERATURE CLASSIFICATION

SHNEYDER, Yu. I.

SHNEYDER, Yu. I. "On Dates of Spraying (with Bordeaux Mixture) Citrus Crops against Bacterial Necrosis," Sad i Ogorod, no. 11, 1950, pp. 43-45.  
80 Sal3

SO: SIRA SI - 90-53, 15 December 1953

USSR/Biology - Antibiotics, Plant  
Diseases

Sep/Oct 51

"Biological Role of Phytoncides in Higher Plants,"  
M. V. Gorlenko Yu. I. Shneider

"Zhur Obshch Biol, Vol XII, No 5, 363-366

Discusses the theory of B. P. Tokin who assumes that the production of phytoncides is a process of evolution in certain plants who by this process create a natural immunity to certain bacterial diseases. The authors conducted expts which demonstrated that the effects of phytoncides on bacterial diseases affecting citrus crops is seasonal, and that the pathogenic microorganisms of plants is undergoing a constant change. Their

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conclusions are that phytoncides as a biol phenomena are to be considered only in the light of the general condition of the plants which produce them. Study is now conducted on the effects of phytoncides on bacterial pathogenic to certain types of plants, particularly the effect of garlic and onion phytoncides on diseases affecting these particular plants and others

SHNEIDER, YU. I.

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64 112

Bacterial necrosis of citrus plants. Yu. I. Shneider (All-Soviet Plant Protection Inst., Moscow Station). *Mikrobiologiya* 20, 41-51(1951).—Necrosis on lemons, mandarin twigs, orange leaves and other citrus plant parts was traced to *Bacterium citripuleale*. Its optimum temp. range is 15-25°. It survives near 0° but is sensitive to temps. above 25°. Its season (Black Sea region) is March to May. Spraying with 1% Bordeaux mixt. is effective if aided by strict grove sanitation. Julian F. Smith

11232\* The Use of Copper Oxochloride for Control of  
Citrus Bacterial Necrosis. (Russian.) Yu. I. Schneider. Sad i  
Ogorod, Mar. 1952, p. 28.  
Data are tabulated.

SHNEYDER, Yu.I.

Bacterial necrosis of the lilac. Biol.Glav.bot.sada no.16:99-102 '53.  
(MLRA 7:4)

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001549820001-

(Lilacs--Diseases and pests)

SHNEYDER, Yu. I.

①  
12142\* (Dusting of Bean Seeds With "Granozan" for Control of Bacteriosis.) *Opudrivanie semian fasoli granozanom dlia bor'by s bakteriozom.* Yu. I. Shneider. *Zemledelie*, v. 2, no. 4, Apr. 1954, p. 109-111.  
Three to five g. per kg. of seeds reduced disease infestation and increased yield. Tables.

FD-1419

USSR/Biology - Phytopathology

Card 1/1 : Pub. 73 - 8/11

Author : Shneyder, Yu. I.

Title : Coryneum blight of apricots in Krasnodarskiy Kray

Periodical : Mikrobiologiya, 23, 6, 698-701, Nov-Dec 1954

Abstract : Experiments show that the causative agent of coryneum blight of apricots in the Krasnodarskiy Kray is not basically Clasterosporium carpophilum, but a new phytopathogenic bacteria called Pseudomonas caucasicum. Diseased trees serve as a reservoir for the causative microorganisms, and as the source of infection during the spring period. Fourteen Soviet and five non-Soviet references are cited.

Institution : The Moscow Plant Protection Station

Submitted : March 16, 1954

SHNEYDER, Yu.I., kandidat biologicheskikh nauk.

Contribution of Soviet scientists to the science of plant  
bacteriosis ("Bacterial diseases of plants." M.V.Gorlenko.  
Reviewed by IU.I.Shneider. Priroda 43 no.7:121-122 J1 '54.  
(Plant diseases) (Gorlenko, M.V.) (MLRA 7:7)

GORLENKO, M.V., doktor biologicheskikh nauk.; SHNEYDER, Yu.I., kandidat biologicheskikh nauk.

Summer seeding as means of controlling bacterial pustule in beans.  
Dokl. Akad. sel'khoz. 21 no.8:38-40 '56. (MLRA 9:10)

1. Moskovskaya stantsiya zashchity rasteniy. Predstavleno sektsiyey zashchity rasteniy Vsesoyuznoy ordena Lenina akademii sel'skokho-zyaystvennykh nauk imeni V.I. Lenina.  
(Beans--Diseases and pests)

SHNEYDER, Yu.I., kand.biol.nauk

Coryneum blight of stone fruits and its control. Zashch. rast.  
ot vred. i bol. 3 no.5:24 S-O '58. (MIRA 11:10)

1. Moskovskaya stantsiya zashchity rasteniy Vsesoyuznogo nauchno-  
issledovatel'skogo instituta zashchity rasteniy.  
(Stone fruit--Diseases and pests)

SHNEYDER, Yu.I., kand.biolog.nauk; SAMOSUDOVA, Ye.V.

Incidence of the bacterial wilt of corn in the Soviet Union.  
Dokl.Akad.sel'khoz. 24 no.8:39-42 '59. (MIRA 12:11)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut fitopatologii.  
Predstavlena sektsiyey zashchity rasteniy Vsesoyuznoy akademii  
sel'skokhozyaystvennykh nauk in.V.I.Lenina..  
(Corn(Maize)--Diseases and pests)



SHNEYDER, Yu.I.

"Bacterial diseases of plants." Reviewed by I.U.I. Shneider. Nauch.  
dokl. vys. shkoly; biol. nauki no.2:197-200 '62. (MIRA 15:5)  
(BACTERIA, PHYTOPATHOGENIC)

LAPICHEVA, M.D., kand.sel'skokhozyaystvennykh nauk; SHNEYDER, Yu.I.,  
kand.bilogicheskikh nauk; KASHMANOVA, O.I.

Late fall sowing as a method for developing a comparatively  
disease resistant variety of sugar beets. Agrobiologiya no.3:  
447-448 My-Je '62. (MIRA 15:10)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut kormov,  
Moskovskaya oblast'.  
(MOSCOW PROVINCE--SUGAR BEETS--DISEASE AND PEST RESISTANCE)

VLASOV, Yu.I.; SHNEYDER, Yu.I.; POREMBSKAYA, N.B.

Virus diseases of pulse crops. Zashch. rast. ot vred. i  
bol. 7 no.2:18-19 F '62. (MIRA 15:12)

1. Vsesoyuznyy institut zashchity rasteniy i Vsesoyuznyy  
institut kormov.

(Virus diseases of plants)  
(Legumes--Diseases and pests)

KARAVYANSKIY, N.S., kand.sel'skokhozyaystvennykh nauk; SHNEYDER, Yu.I.,  
kand.biologicheskikh nauk

From the practices in the protection of forage beans. Zashch.  
rast. ot vred. i bol. 7 no.3:24-25 Mr '62. (MIRA 15:11)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut kormov.  
(Beans—Diseases and pests)  
(Plants, Protection of)